VIAprevent AI — Privacy by Design sheet

Privacy protected from the design stage

Version 2.0 — October 2026

> No declarative formality with the French data-protection authority CNIL (CNIL reply, January 2026). The system is designed not to process any personal data (privacy by design): no licence-plate reading and no face recognition, very-low-resolution video (336×192), anonymous statistics. The GDPR does not apply to non-personal data.

1. What the unit does

The artificial intelligence analyses the image inside the unit. Only anonymous counts and measurements leave it: number of road users per class, per lane and per direction, speeds, noise level. No person is identified and no vehicle is followed from one site to another.

2. Data transmitted

Data	Example	Personal?
Timestamp	2026-10-03 08:00	No
Unit position (GPS)	43.7102, 7.2620	No
Count per class, lane and direction	95 cars, 9 cyclists	No
Mean and maximum speed	39.8 km/h — 57 km/h	No
Estimated vehicle size	height, width, length	No
Indicative noise level	47 dB	No
Air quality (option)	PM2.5: 12 µg/m³	No
Unit state	voltage, temperature, 4G signal	No

3. Images and video

Use	Resolution	Retention
Live view on request (60 s window)	336 × 192	not recorded
Check snapshot (1 per minute)	256 × 144	12 rolling months
Alert video clip	336 × 192	12 rolling months
Full resolution — VIAprevent maintenance	2688 × 1520	reserved to VIAprevent, never accessible to the customer

> **Images for training the artificial intelligence**
> Images may be captured by VIAprevent for the sole purpose of training the artificial intelligence. They remain for internal use: they are never disclosed or sold.

4. Principles applied

Principle	Implementation
Minimisation	only anonymous statistics are produced; very-low-resolution video for the customer
Local processing	image analysis is done inside the unit by the on-board AI
Purpose limitation	no licence-plate reading (ANPR), no face recognition
Security	encrypted link (TLS), authenticated units, portal access through personal accounts, two-factor authentication available
Hosting	data hosted in France and secured; no information is resold or used by third parties
Retention	statistics and alert clips: 12 rolling months; export on the customer's request

5. Technical comparison with conventional video surveillance

Feature	VIAprevent AI	Conventional video surveillance
Resolution of transmitted video	336 × 192	1920 × 1080 and above
Licence-plate reading	no	possible
Face recognition	no	possible depending on the system
Recording	alert clips + 1 image per minute (256 × 144)	continuous (often 7 to 30 days)
What is used	anonymous statistics	images of people and vehicles

6. VIAprevent commitments

- No face-recognition module.
- No automatic licence-plate reading (ANPR) module.
- Customer video limited to 336 × 192; full resolution is reserved to VIAprevent for maintenance and AI training.
- No data is resold or used by third parties.
- Data hosted in France.
- Encrypted communications (TLS).
- Architecture protected by a pending patent (FR2600075).

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